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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

ATTY. DOCKET NO. TETRAGN.002A

APPLICATION NO. 09/471,703

APPLICANT Irena N. Merenkova

FILING DATE

December 23, 1999

GROUP

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	U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA		5,518,900	05/21/96	Nikiforov et al.	435	91.1	
LBA		5,763,184	06/09/98	Reynolds et al.	435	(ë	
UBA		5,811,239	09/22/98	Frayne	435	6	
LBA		5,849,487	12/15/98	Hase et al.	435	4	
LBA		5,849,542	12/15/98	Reeve et al.	435	91.1	
USA		5,885,775	03/23/99	Haff et al.	4.35	6	
		5,925,520	07/20/99	Tully et al.	435	4	
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			FOREIGN PATENT DOCUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
EXAMINER INITIAL	DOCOMEN I NOMBER	0,,,,				YES	NO
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Liu et al., Cancer Research 54: 4590-4594, 1994 "hMSH2 Mutations in Hereditary Nonpolyposis Colorectal Cancer Kindreds ^{1"}
LZA	Landegren et al., Genome Research: 769-776, 1998 "Reading Bits of Genetic Information: Methods for Single-Nucleotide Polymorphism Analysis"

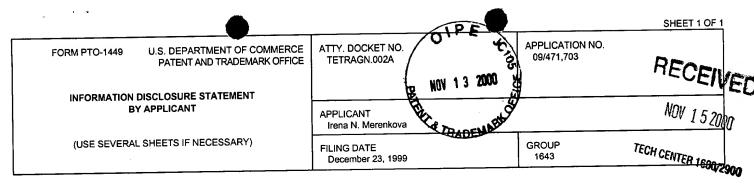
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			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (IF APPRO	
LBA	5,888,819	03/30/99	Goelet et al.	435	5		
USA	6,004,744	12/21/99	Goelet et al.	435	5		
IBA	6,013,431	01/11/2000	Söderlund et al.	435	5		
FOREIGN PATENT DOCUMENTS							
EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSI	ATION
INITIAL	5555					YES	NO

05/12/99

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Europe

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. TETRAGN.002A APPLICATION NO. 09/471,703

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INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT Irene N. Merenkova

December 23, 1999

FILING DATE

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EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
LBA	5,679,524	10/21/97	Nikiforov et al.	435	6	
LAA	5,741,676	04/21/98	Fuller	435	91.1	

- <u>5013 </u>	
EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Ross et al., Analytical Chemistry, Vol. 69, No. 20, October 15, 1997, pp. 4197-4202 "Discrimination of Single-Nucleotide Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes Detected by MALDI-TOF Mass Spectrometry"
LBA	Marino et al., <i>Electrophoresis</i> , Vol. 17, 1996, pp. 1499-1504 "Characterization of mitochondrial DNA using low-stringency single specific primer amplification analyzed by laser induced fluorescence - capillary electrophoresis"
LBA	Nikiforov et al., Nucleic Acids Research, Vol. 22, No. 20, 1994, pp. 4167-4175 "Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms"
LBA	Hecker et al., Analytical Biochemistry, Vo. 272, 1999, pp. 156-164 "Mutation Detection by Denaturing DNA Chromatography Using Fluorescently Labeled Polymerase Chain Reaction Products"
LBA	Lee et al., BioTechniques, Vol. 27, No. 2, August 1999, pp. 342-349 "Seven-Color, Homogeneous Detection of Six PCR Products"
LBA	Fei et al., Nucleic Acids Research, Vol. 26, No. 11, 1998, pp. 2827-2828 "MALDI-TOF mass spectrometric typing of single nucleotide polymorphisms with mass-tagged ddNTPs"
	Haff et al., Nucleic Acids Research, Vol. 25, No. 18, 1997, pp. 3749-3750 "Multiplex genotyping of PCR products with MassTag-labeled primers" Ross et al., Nature Biotechnology, Vol. 16, December 1998, pp. 1347-1351
LBA	"High level multiplex genotyping by MALDI-TOF mass spectrometry"
LBA	Pastinen et al., Clinical Chemistry, Vol. 42, No. 9, 1996, pp. 1391-1397 "Multiplex, fluorescent, solid-phase minisequencing for efficient screening of DNA sequence variation"
LBA	Giordano et al., <i>Genomics</i> , Vol. 56, 1999, pp. 247-253 "Identification by Denaturing High-Performance Liquid Chromatography of Numerous Polymorphisms in a Candidate Region for Multiple Sclerosis Susceptibility"
BA	Li et al., Electrophresis, Vol. 20, 1999, pp. 1258-1265 "Single nucleotide polymorphism determination using primer extension and time-of-flight mass spectrometry"
LBA	Hoogendoom et al., <i>Hum Genet</i> , Vol. 104, 1999, pp. 89-93 "Genotyping single nucleotide polymorphisms by primer extension and high performance liquid chromatography"
LBA	Haff et al., Genome Research, Vol. 7, 1997, pp. 378-388 "Single-Nucleotide Polymorphism Identification Assays Using a Thermostable DNA Polymerase and Delayed Extraction MALDI-TOF Mass Spectrometry"
LBA	Liu et al., Nucleic Acids Research, Vol 26, No. 6, 1998, pp. 1396-1400 "Denaturing high performance liquid chromatography (DHPLC) used in the detection of germline and somatic mutations"
LSA	Bogaert et al., Am. J. Hum. Genet, Vol. 55, 1994, pp. 1128-1136 "Expression, in Cartilage, of a 7-Amino-Acid Deletion in Type II Collage from Two Unrelated Individuals with Kniest Dysplasia"
LBA	Whitney et al., Experimental Hematology, Vol. 22, 1994, pp. 866-874 "The molecular basis of canine pyruvate kinase deficiency"

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!	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. TETRAGN.002A	APPLICATION NO. 09/471,703
		DISCLOSURE STATEMENT OF E	APPLICANT Irene N. Merenkova	
	(USE SEVERA	L SHEETS IF NECESSARY) 2000	FILING DATE December 23, 1999	GROUP 1643-1634

EXAMINER INITIAL	OTHER BOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
LBA	Coillie et al., Biochemistry, Vol. 37, 1998, pp. 12672-12680 "Functional Comparison of Two Human Monocyte Chemotactic Protein-2 Isoforms, Role of the Amino-Terminal Pyroglutamic Acid and Processing by CD26/Dipeptidyl Peptidase IV"
	GENBANK ACCESSION NO. U41213, Posted on GENBANK November 29, 1995 "Structure of the human MSH2 locus and analysis of two Muir-Torre kindreds for msh2 mutations"

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DATE CONSIDERED

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